## AMENDMENTS TO THE CLAIMS:

1. (Currently amended) An optical component comprising:
   a) a first ~~reflecting~~ element having at least one substantially planar surface and a first curved lens surface; and
   b) a lens element having at least one substantially planar surface, the lens element being positioned relative to the ~~reflecting~~ first element whereby the at least one substantially planar surface of the lens element is adjacent and substantially parallel to the at least one substantially planar surface of the ~~reflecting~~ first element, the lens element also having a second curved surface for focusing light passing through it.
2. (Currently amended) An optical component comprising:
   a) a monolithic optical element comprising a first element portion and a lens element portion separated by a slit formed in said monolithic optical element, said ~~a reflecting~~ first element having at least one substantially planar surface; and
   b) said [[a]] lens element having at least one substantially planar surface, the lens element being positioned relative to the ~~reflecting~~ first element whereby the at least one substantially planar surface of the lens element is adjacent and substantially parallel to the at least one substantially planar surface of the ~~reflecting~~ first element, the lens element also having a curved surface for focusing light passing through it;
   c) wherein ~~the optical component is formed of a single optical piece having a~~ said slit ~~formed therein to~~ separates at least a portion of the substantially planar surface of the ~~reflecting~~ first element from at least a portion of the substantially planar surface of the lens element.
3. (Currently amended) The optical component of claim 1 wherein the ~~reflecting~~ first element is formed of a first optical piece and wherein the lens element is formed of a second optical piece, and wherein the optical component is formed by affixing the first optical piece to the second optical piece with an air gap between them.
4. (Original) The optical component of claim 3 wherein the first and second optical pieces are affixed to each other with spacers positioned between their respective substantially planar surfaces.

5. (Currently amended) The optical component of claim 2 wherein the ~~reflecting~~ first element also has a lens surface.

6. (Currently amended) An optical component comprising:

a ~~reflecting~~ first element having at least one substantially planar surface; and

a lens element having at least one substantially planar surface, the lens element being positioned relative to the ~~reflecting~~ first element whereby the at least one substantially planar surface of the lens element is adjacent and substantially parallel to the at least one substantially planar surface of the ~~reflecting~~ first element, the lens element also having a curved surface for focusing light passing through it;

wherein the ~~reflecting~~ first element is circularly symmetrical, having a generally circular base and generally cylindrical shape, and having a conical indentation within the upper portion of the cylinder shape that serves as a TIR element for light approaching at less than the critical angle from around the perimeter of the cylinder.

7. (Currently amended) The optical component of claim 6 wherein the lens element is circularly symmetrical, having a generally cylindrical shape but having a conical end which mates with the conical indentation in the ~~reflecting~~ first element and having a lens surface opposite the conical end.

8. (Currently amended) The optical component of claim 6 wherein the end of the generally cylindrical shape of the ~~reflecting~~ first element that is opposite to the conical indentation is substantially planar.

9. (Currently amended) The optical component of claim 6 wherein the end of the ~~reflecting~~ first element that is opposite to the conical indentation is substantially curved to form a lens surface.

10. (Currently amended) A packaged integrated optical component comprising:

a) a substrate mounted in a semiconductor package having an opening through which light beams may pass;

b) a monolithic optical element comprising a first element portion and a lens element portion separated by a slit formed in said monolithic optical element, said first a ~~reflecting~~ element portion mounted to the opening and having at least one

substantially planar surface; and

c) said [[a]] lens element portion having at least one substantially planar surface, the lens element portion being positioned relative to the ~~reflecting~~ first element portion whereby the at least one substantially planar surface of the lens element portion is adjacent and substantially parallel to the at least one substantially planar surface of the ~~reflecting~~ first element portion, the lens element portion also having a curved surface for focusing light passing through it, wherein the ~~reflecting~~ first element portion and the lens element portion are formed of a single optical piece having a slit formed therein to separate at least a portion of the substantially planar surface of the ~~reflecting~~ first element portion from at least a portion of the substantially planar surface of the lens element portion.

11. (Currently amended) The packaged integrated optical component of claim 10 and further comprising a clear window mounted in the opening and wherein the ~~reflecting~~ first element portion is affixed to the optical component above the clear window.

12. (Currently amended) The packaged integrated optical component of claim 10 wherein the ~~reflecting~~ first element portion is mounted directly into the opening.

13. (Currently amended) A method for optically processing light comprising:

a) providing an illumination beam of light over an illumination path;

b) providing a spatial light modulator for modulation of the illumination beam, the spatial light modulator acting as the endpoint for the illumination beam and originating a reflection beam over a reflection path;

c) providing a single integrated optical component comprising a TIR prism element portion and a lens element portion wherein the single integrated optical component is placed in the illumination path and also in the reflection path, wherein the single integrated optical component comprises a single optical piece having a slit disposed therein;

d) directing with the single integrated optical component the illumination beam toward the spatial light modulator; and

e) focusing the reflection beam with the single integrated optical component as the

reflection beam passes out of the single integrated optical component.

14. (Original) The method of claim 13 wherein the single integrated optical component directs the illumination beam toward the spatial light modulator using TIR reflection.

15. (Currently amended) The method of claim 14 wherein the TIR prism element portion of the single integrated optical component further comprises a lens surface and wherein the lens surface directs the illumination beam toward the spatial light modulator after TIR reflection by focusing it through the lens surface.

16. (Currently amended) The method of claim 13 wherein the single integrated optical component directs the illumination beam toward the spatial light modulator by focusing it through the lens element portion.

17. (Currently amended) The method of claim 13 wherein the lens element portion of the single integrated optical component is positioned telecentrically relative to the reflection path from the spatial light modulator.

18. (Currently amended) The method of claim 13 wherein the lens element portion of the single integrated optical component is positioned non-telecentrically relative to the reflection path from the spatial light modulator.

19. (Original) The method of claim 13 wherein the spatial light modulator is integrated with the single integrated optical component into a packaged integrated optical component.

20. (Currently amended) The optical component of claim 2 wherein the ~~reflecting~~ first element is formed of a first optical piece and wherein the lens element is formed of a second optical piece, and wherein the optical element is formed by affixing the first optical piece to the second optical piece with an air gap between them.

21. (Previously presented) The optical component of claim 20 wherein the first and second optical pieces are affixed to each other with spacers positioned between their respective substantially planar surfaces.

22. (Currently amended) The optical component of claim 1 wherein the optical component is formed of a single optical piece having a slit cut therein to separate at least a portion of the substantially planar surface of the ~~reflecting~~ first element from at least a portion of the substantially planar surface.